

19971023.ba v01\_n739.bam.971023

>From ???@??? Fri Oct 24 01:16:31 1997  
Message-Id: <199710231525.KAA26973@sco.theporch.com>  
Date: Thu, 23 Oct 1997 10:25:24 CDT  
Subject: BOATANCHORS digest 1739

BOATANCHORS Digest 1739

Topics covered in this issue include:

- 1) need National RCP parts  
by bdhall@ghg.net (Benjamin D. Hall)
- 2) 10 ohm 55 watt wirewound resistors, 75 cents  
by Allen Tucholski <allent@en.com>
- 3) Re: BA's in Denver  
by Dexter Francis <cwest@xmission.com>
- 4) OT's VHF RXs (list)  
by MNHopkins@aol.com
- 5) military truck radio  
by Brian.Harris@sv.sc.philips.com (Brian Harris)
- 6) SB301 dial  
by howellh@winthrop.edu
- 7) Re: Drake R4B question -- R390A connectors  
by Garey Barrell <k4oah@mindspring.com>
- 8) military truck radio  
by Brian.Harris@sv.sc.philips.com (Brian Harris) (by way of Andre Guibert  
<aguibert@sympatico.ca>)
- 9) Re: BA Calenders & Movie sightings  
by Dick Dillman <ddillman@igc.apc.org>
- 10) Re: Power Supply - Free to a Strong Back  
by Dick Dillman <ddillman@igc.apc.org>
- 11) mic cable wanted...  
by "Alexander N. Gerli" <angerli@connix.com>
- 12) Re: OT's VHF RXs (list)  
by Bob Roehrig <broehrig@admin.aurora.edu>
- 13) W8ZR KWM-1 Restoration article in E-R  
by Michael Crestohl <mc@shore.net>
- 14) panel finishing (kinda)  
by Bob Roehrig <broehrig@admin.aurora.edu>
- 15) TS-505 differences, trade early manual for later edition....  
by Michael Crestohl <mc@shore.net>
- 16) Re: panel finishing (kinda)  
by "Dennis M. Fox" <foxd@mail.grady.public.lib.ga.us>
- 17) FS Panadaptor (long)  
by Jim Coe W5JI <jcoe@brightok.net>
- 18) Re: panel finishing (kinda)  
by Ed Tanton <n4xy@bellsouth.net>

- 19) Antique Collins 16F-1  
by "Don L. Davis" <dxguy@earthlink.net>
- 20) Sv: DFing U Boats in the Atlantic.  
by "ro" <otterstad@inet.uni-c.dk>
- 21) UTC Transformer id help please.  
by "Larry Bearse" <lbearse@mail11.nai.net>
- 22) Hammarlund?  
by "Paul Bernhard" <W2TU@classic.msn.com>
- 23) Items needed  
by Merv Schweigert <k9fd@htc.net>
- 24) Lifeboat Radio  
by Jay Coward <jayc@hpcmr42.sj.hp.com>
- 25) RE: panel finishing (kinda)  
by "Ornitz, Barry L" <ornitz@eastman.com>
- 26) tubes n testers  
by laffitte@prtc.net (laffitte)
- 27) Tube info  
by ALanger394@aol.com
- 28) Re: [R-390] Re: Bristol Wrench Problem  
by KA9EGW@aol.com

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Date: Wed, 22 Oct 1997 16:48:14 -0500  
From: bdhall@ghg.net (Benjamin D. Hall)  
To: boatanchors@sco.theporch.com  
Subject: need National RCP parts  
Message-ID: <3.0.32.19971022164507.006a5f1c@mailman.ghgcorp.com>

Greetings y'all - looking for parts to spruce up my National RCP.

I'm looking for the little metal frame that held the calibration chart, screws for the frame, and the four knobs that are the National "bar" type as used on the NC-100 type of set, but have metal circles behind them that have numbers and lettering saying what the knob is. (I'm fairly certain that these knobs were used on the RCQ, and probably on the radios that the RCP and RCQ's were modified from, which I think is an RCK?) I need the TONE, AUDIO GAIN, RF GAIN, and the BFO knob, although it may be marked something besides BFO, I cannot make out the engraving on the one I have! ;) I'd desire them to be in good shape... The other knobs are in various conditions: the TONE knob, which was removed from it's pot and found wedged between one of the RF tubes and an IF can, looks okay, while the AUDIO GAIN and RF GAIN knobs are so-so. The BFO knob is somewhat destroyed... I can send jpg's of the photo of the receiver in the manual that shows the knobs to make my description clearer.

Anyone have any?

If not, I'm thinking about replacing all four of the knobs with new ones from the TechAmerica (rat shack mail order) catalog, as they have some that while not labeled like the originals, nor exactly similar to the originals, I think they would look nice - they are of a style that I don't feel would have been out of place in the late 40's when this radio was made. (since I was born nearly 30 years after this radio, 1973 to be exact, my comments on what would and would not have looked out of place in the late 40's is somewhat groundless I understand.)

As it stands, this RCP is not a museum peice, and that isn't my intention: I've replaced rotted out cotton and rubber insulated wire with PVC 600 v wire, replaced the missing TONE pot with a unit from that Jet scope I parted out, and am replacing bad caps here and there with poly's and electrolytics, and will replace out of tolerance resistors with metal film units. My intention is to have a set that will look good while not looking too unoriginal, yet work as it should. Comments invited, via direct e-mail if you are as windy as I am (this message was originally going to be only a few lines)...

Thanks and 73,  
Ben "blabbermouth" Hall

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Date: Wed, 22 Oct 1997 18:04:35 -0400  
From: Allen Tucholski <allent@en.com>  
To: boatanchors@theporch.com  
Subject: 10 ohm 55 watt wirewound resistors, 75 cents  
Message-ID: <2.2.32.19971022220435.00a0cfac@en.com>

Hello everyone,

I still have about 100 or so new "military" 10 ohm 55 watt wirewound resistors forsale. These are military quality, manufactured by TRW. These are great for audio load banks or a power supply load banks. (series parallel connected the possibilities are endless) These resistors are stackable through mounting pads provided. Size is about 3.5 inches long, 1 inch wide, 0.5 inches high. Mounting hardware is included.

75 cents each  
Minimum order is 20 pcs.  
Shipping will be U.S. mail priority mail.  
\$4.00 for shipping, packaging and handling.

Reply by e-mail if interested  
Allen

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Date: Wed, 22 Oct 1997 16:22:36 -0600  
From: Dexter Francis <cwest@xmission.com>  
To: boatanchors@theporch.com  
Subject: Re: BA's in Denver  
Message-ID: <344E7CAA.1E9@xmission.com>

Another BA'ish place is OEM Parts, down in Colorado Springs.  
The owner is very personable, even if the hired help are a  
bit brusque at times. Dick would probably remember me if  
you mention my name.

As to Fistell's, I'd heard that he passed away a year or so ago.  
That's NOT confirmed, however, so if you go, and he still breathes  
let me know.

-df

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Visit our Web site at <http://www.xmission.com/~cwest/>  
e-mail to: tubes@usa.net -or- cwest@xmission.com  
(P.O. Box 22443, Salt Lake City, Utah 84122)

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Date: Wed, 22 Oct 1997 19:11:44 -0400 (EDT)  
From: MNHopkins@aol.com  
To: Boatanchors@theporch.com  
Cc: kevin.reeves@juno.com, kbritain@johnstontech.com  
Subject: OT's VHF RXs (list)  
Message-ID: <971022191136\_1533623862@mrin42.mail.aol.com>

A skeptic challenged my assertion that the vacuum tube era VHFers used mostly  
general coverage receivers so I looked it up. From a late 1963 survey, just  
at the end of it all, we learn first that 14-18 mc was the overwhelming  
choice of output IFs with 7-11 next and Collins' 26-30 mc outnumbering 10M

Here are the rigs 58 VHFers were using behind their converters in the Kennedy  
Era:

Hallicrafters: S-40, SX-16, SX-25, SX28A, SX-43, SX-71(2), SX-96(3), SX-100,  
SX-101A

National: NC-101, NC-109, NC-156(?), NC-183, NC-303(2)

Hammarlund: HQ-120, HQ-140(2), HQ-150, HQ-170(4)\*, HQ-180C, Super Pro(3)

Collins: 75A-1, 75-A2(4), 75-A3(5), 75-A4, 75-S1, 51J-2, 51J-3

Clegg Interceptor, Drake 2A, Eddystone 750

Military: BC 312, BC-348(6), BC-683, RAO, RAX, RCH, TCS

\* HQ-170 is this writer's nominee for best all time v. tube RX and, admittedly, a ham bands only affair, but the general coverage RXs still overwhelm it in actual use at the end of the Era.

Source: "Which Receiver to Follow the V.H.F Converter?," Jablin, Julian (W2QPQ) CQ, Feb., 1964, p.43

de ab5l, michael in dallas, student of Tecraft and International Crystal (ICM) ham products and mementoes of Six Meter's Golden Age: 1957-58  
MNHopkins@AOL.com

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Date: Wed, 22 Oct 1997 18:04:28 -0700  
From: Brian.Harris@sv.sc.philips.com (Brian Harris)  
To: boatanchors@theporch.com  
Subject: military truck radio  
Message-ID: <00058E29.1914@svlima.sv.sc.philips.com>

A friend of a friend (you know how that goes) is restoring some kind of military truck. It seems the only thing he needs to complete said restoration is some kind of radio described to me only as a "C-52". Sorry I don't have a better description. If any of you military gurus out there know anything about this radio or, better yet, have one of them available, please let me know.

Thanks in advance, Brian Harris WA5UEK 'The Cosmophone Collector'

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Date: Wed, 22 Oct 1997 20:31:08 -0400  
From: howellh@winthrop.edu  
To: boatanchors@theporch.com  
Subject: SB301 dial  
Message-ID: <97102220310803@winthrop.edu>

WINTHROP UNIVERSITY

Electronic Mail Message

Date: 22-Oct-1997 08:24pm EST  
From: Haney Howell

HOWELLH  
Dept: Mass Communication  
Tel No: 323-4534

TO: Remote Addressee ( \_smtp%"heath@listserv.tempe.gov" )  
TO: Remote Addressee ( \_smtp%"boatanchors@theporch.com" )

Subject: SB301 dial

Just pulled the panel (just "reverse engineered" the instruction manual), loosened up the gunk in the bearing for the tuning, reset the nylon follow on for the dial, gave the front panel a good cleaning and got it all back together. Wow. I'm impressed with myself. Tiz a far cry from the cruddy junker on the ground in Shelby.

Now I'm getting compulsive. The main dial is cracked and has been patched several times. It works fine, but it would be nice to have one that's not cracked and patched. The dial from the SB series would work - 101/102/301/301. Anyone have one lying around or is parting out one of these goodies? Keep me in mind.

Just about ready to order some paint and tackle the cabinets.

Haney k2xn <howellh@winthrop.edu>

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Date: Wed, 22 Oct 1997 22:14:07 -0400  
From: Garey Barrell <k4oah@mindspring.com>  
To: jprusso@acsu.buffalo.edu  
Cc: boatanchors@sco.theporch.com  
Subject: Re: Drake R4B question -- R390A connectors  
Message-ID: <3.0.1.32.19971022221407.006988c8@pop.mindspring.com>

John -

The R-4B receiver did not have a front panel phones jack. The R-4 and R-4A had the jack, and someone probably decide that with phones plugged in, it was pretty awkward to get to the function switch and the RF Gain control. (True.) So in the B model it was left off, even though the location was screened on the front panel, (a small circle,) and the 0.375" dia hole was punched in the chassis behind it. I know I modified at least one R-4B, because I had owned both an R-4 and R-4A previously and liked having it there. Note that on the R-4C that the front panel jack was "back" in it's rightful location!!

At 02:29 PM 10/22/97 -0400, you wrote:

> I recently purchased a Drake R4B receiver and I noticed there is a  
> 1/4 inch phones jack on the front panel similar to the jack found on the

>R4C receiver. My 4B manual does not show this jack in the photo, did  
>the factory add this or did a previous owner or is the 4B manual wrong  
>?? I have seen other 4B receivers with the same front jack ?

73,

Garey - K40AH  
k40ah@mindspring.com  
Atlanta

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Date: Wed, 22 Oct 1997 22:13:40 -0400 (EDT)  
From: Brian.Harris@sv.sc.philips.com (Brian Harris) (by way of Andre Guibert  
<aguibert@sympatico.ca>)  
To: boatanchors@theporch.com  
Subject: military truck radio  
Message-ID: <199710230213.WAA13294@smtp1.sympatico.ca>

Bonsoir to you all  
The WS52 is a WW2 Transceiver, Canadian designed  
and built by Canadian Marconi as a successor to the  
WS9, and used by the Canadian Army.  
System: CW, MCW, AM RT  
Freq: 1.75/16 Meg  
RF Power: CW Up to 70/100W  
          RT/MCW 45/75W  
Supply: 12V Receive 3.3A  
          Trans. HP 45/57A  
          Dynamotor 12/1100V  
Three Modules: Receiver/P/S/Transmtr  
When you move it, take heart as the manual state,  
it weighs 238lbs  
Some are still around but the only one that I knew  
has been bought by you guess, a large Quebec  
Mil. vehicule collectioneer.  
I got it going at a recent Open House at our Montreal  
Ordonnance Depot.  
Andre

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Date: Wed, 22 Oct 1997 19:30:24 -0700 (PDT)  
From: Dick Dillman <ddillman@igc.apc.org>

To: cwest@xmission.com, Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: BA Calenders & Movie sightings  
Message-ID: <2.2.16.19971022192714.395f2ac8@pop.igc.org>

At 12:05 PM 10/22/97 -0600, Dexter Francis wrote:

>With easy access to high quality color printers, how about a print it  
>yourself BA calender? Maybe you could put a picture of your YL/XYL/OL  
>on one page, so as to have something to flip to quickly when she wanders  
>into the shack?

Hmmm, so you mean I'd get in more trouble looking at pix of old radios than I would looking at pix of babes? I guess you'd be right if the picture was of the primary babe and not unknown secondary babes.

D.

Dick Dillman  
<ddillman@igc.apc.org>  
WPE2VT W6AWO  
Collector Of Heavy Metal:  
Harleys, Willys and Radios Over 100lbs.

-----  
Date: Wed, 22 Oct 1997 19:30:19 -0700 (PDT)  
From: Dick Dillman <ddillman@igc.apc.org>  
To: Brian.Harris@sv.sc.philips.com (Brian Harris)  
Cc: boatanchors@theporch.com  
Subject: Re: Power Supply - Free to a Strong Back  
Message-ID: <2.2.16.19971022192710.47477194@pop.igc.org>

At 10:03 AM 10/22/97 -0700, Brian Harris wrote:

> Dick,  
>  
> One question - where do you live?  
>  
> Brian in Dallas

Oh, man. After years of silently rolling my eyes at messages that failed to include the QTH when needed I've gone and done it myself! I'll be heading into the radio room in a moment to discharge a HV cap with my tongue as punishment but before I go I'll answer your question:



San Francisco

Zzzzt! Ow!

73,

Dick

Dick Dillman  
<ddillman@igc.apc.org>  
WPE2VT W6AWO  
Collector Of Heavy Metal:  
Harleys, Willys and Radios Over 100lbs.

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Date: Wed, 22 Oct 1997 22:59:55 -0400  
From: "Alexander N. Gerli" <angerli@connix.com>  
To: boatanchors@sco.theporch.com  
Subject: mic cable wanted...  
Message-ID: <344EBDAB.E68E9C44@connix.com>

Hi, folks,

I need to replace some mic cable in several older E-V mic stands. The original is probably some old Belden or similar cable: one shielded for audio plus two unshielded for PTT.

Does anyone have some lying around? I need 10-15 feet of it.

73,

--

\*\*\*\*\*  
Sandy Gerli, AC1Y  
500 Country Club Road  
Avon, CT 06001-2406  
(860) 675-5566  
E-MAIL: angerli@connix.com

REAL radios glow in the dark with firebottles,  
and put a glow in the heart of the Boatanchor man!

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Date: Wed, 22 Oct 1997 22:51:10 -0500 (CDT)  
From: Bob Roehrig <broehrig@admin.aurora.edu>  
To: MNHopkins@aol.com  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: OT's VHF RXs (list)  
Message-ID: <Pine.ULT.3.96.971022224958.15836C-100000@admin.aurora.edu>

I think some receivers had specific bands for use with (their) converters.  
Anyone know what receivers those were and what the tunable IF range was?

UFO's are real! (It's the Air Force that does not exist)  
E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI  
CIS: Data / Telecom Aurora University, Aurora, IL  
630-844-4898 Fax 630-844-5530

-----  
Date: Thu, 23 Oct 1997 00:05:54 -0400 (EDT)  
From: Michael Crestohl <mc@shore.net>  
To: boatanchors@theporch.com  
Subject: W8ZR KWM-1 Restoration article in E-R  
Message-ID: <199710230405.AAA23399@northshore.shore.net>

Hello Everyone:

Just received my October issue of E-R. Great article by Jim Garland  
W8ZR on the KWM-1 restoration he just completed. I found it most  
interesting and very well written. You get full marks on that one,  
Jim.

Thanks.

73,

Michael, W1RC  
mc@shore.net

-----  
Date: Wed, 22 Oct 1997 22:58:54 -0500 (CDT)  
From: Bob Roehrig <broehrig@admin.aurora.edu>  
To: Boatanchors <boatanchors@sco.theporch.com>,  
glowbugs <glowbugs@www.atl.org>  
Subject: panel finishing (kinda)

Message-ID: <Pine.ULT.3.96.971022225551.15836E-100000@admin.aurora.edu>

I am trying to finish my "new" Hartley rig and am working on the front panel. I am using a piece of aluminum and don't want to paint it, however, it has some scratches on it and so doesn't look that great.

The question is, how does one make a kind of brushed finish? In other words, make thousands of scratches so the whole thing looks uniform?

UFO's are real! (It's the Air Force that does not exist)  
E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI  
CIS: Data / Telecom Aurora University, Aurora, IL  
630-844-4898 Fax 630-844-5530

-----  
Date: Thu, 23 Oct 1997 00:12:52 -0400 (EDT)  
From: Michael Crestohl <mc@shore.net>  
To: boatanchors@theporch.com  
Subject: TS-505 differences, trade early manual for later edition....  
Message-ID: <199710230412.AAA26392@northshore.shore.net>

Hi Gang:

I picked up a MINT TS-505D/U Multimeter at the MIT flea last Sunday. In my manual collection there is a copy of the TM11-5511 covering the TS-505, dated June 1951. I notice several differences between my TS-505D/U and the manual. It appears that the original TS-505 was physically larger than the 'D' model and the AC probe was different. There are probably more differences than I found during my cursory examination of the book and meter but there are enough that I'd like to try to trade my early version manual for the later version covering the 'D' model. I have the C1 addendum but the photo still shows the same instrument as the manual which is not the same as the model I have.

Anyone have an early version TS-505 and a later manual they'd like to swap?

73,

Michael, W1RC  
mc@shore.net

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Date: Thu, 23 Oct 1997 00:21:48 -0400

From: "Dennis M. Fox" <foxd@mail.grady.public.lib.ga.us>  
To: broehrig@admin.aurora.edu, Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: panel finishing (kinda)  
Message-ID: <3.0.3.32.19971023002148.006c40c0@mailbox.grady.public.lib.ga.us>

At 10:58 PM 10/22/97 -0500, Bob Roehrig wrote:

>I am trying to finish my "new" Hartley rig and am working on the front  
>panel. I am using a piece of aluminum and don't want to paint it,  
>however, it has some scratches on it and so doesn't look that great.  
>The question is, how does one make a kind of brushed finish? In other  
>words, make thousands of scratches so the whole thing looks uniform?  
> UFO's are real! (It's the Air Force that does not exist)  
> E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI  
> CIS: Data / Telecom Aurora University, Aurora, IL  
> 630-844-4898 Fax 630-844-5530

BOB et al: What you need is the metal finishing system developed & marketed by 3M. It's a type of Scotchbrite. There's different grades or degrees of roughness. You'd need the drum sander type, mounted so as to use the whole flat side across the pannel. I use it a lot for Stainless in my plant but you can obtain it from McMaster/Carr or possibly thru Granger. You'd need the mounted mandrel as well as the cylinders that cover it. I'd suggest that you practice on something other than what you want to finnish so as to develop your "touch". This system is used to finnish all kinds of metal like a stainless steel sink for instance. If you need more, I'd be happy to help. Regards,  
Regards, Dennis Fox, Cairo, Ga. 31728-3582 30.53.33N 84.11.46W

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Date: Wed, 22 Oct 1997 23:24:56 -0500 (CDT)  
From: Jim Coe W5JI <jcoeb@brightok.net>  
To: boatanchors@sco.theporch.com  
Cc: baswaplist@foothill.net  
Subject: FS Panadaptor (long)  
Message-ID: <199710230424.XAA14393@cowboy.brightok.net>

I have seen quite a few posts on the BA and BASwap lists regarding the desire for a panadaptor for BAs which isn't tied to one particular IF frequency or particular vendor's equipment. I have such a beast and have decided it needs to find another loving home.

The unit is officially the "Panoramic Indicator IP-111/ART-26 mfg by Panoramic Radio Products, Inc. of Mt. Vernon, NY, and was delivered against Contract No. N0a(s)-10874. It is serial number 85.

This is a very versatile unit which accepts into a 6SB7Y mixer stage, via N connectors, an IF signal and a "local oscillator" signal in any combination which yields a 30 MHz product. The product is fed via a bandpass filter to a 6AC7 RF amp and into a second 6SB7Y mixer stage where it is mixed with a 26.5 MHz FM oscillator signal to yield a 3.5 MHz product. This feeds a 6SG7 IF amp followed by a 6SQ7 detector and video amp stage to the 3BP1 CRT. The unit has a two 6SL7 and single 6AC7 horizontal sweep circuit. The circuitry is very straight forward and is basically a superhet rcvr feeding a simple oscilloscope. The low voltage (~400 V) supply uses a 6X5 rectifier with an OC3 regulator for the osc. The high voltage (~1200 V) supply uses a 2X2A rectifier. The unit may be set up for 115 VAC or 230 VAC (set for 115 VAC now).

Unit is 13.25-inches wide, 8.5-inches high (including shock mount feet) and 14-inches deep (including knobs). It is Navy grey and features "battleship" construction. The case is in very good condx with no rust and only a few scratches on the top. It is louvered on the sides and back. I would rate the cabinet about an 8.5. The front panel is a 9.5+ with all original markings, knobs and ID plate. The unit weighs in at about 30 lbs. The chassis is clean with all original labels and no rust or corrosion. For the true collectors, the unit also has the spare fuse, adjustment tool and hex wrench in their assigned holders on the chassis. The CRT is in very good condx with no trace burns, etc.

I have what is called a "Temporary Parts Catalog" for the unit (~ 40 pages) which lists, in great detail, all parts and part specs including vendor. It also includes a full schematic and excellent detail photos with all parts indicated. No operations manual...sorry.

The unit is fully operational and I have been using it to test vfos and other oscillators by mixing their outputs with the output of my signal generator. (more pure fun than simply using my scope!!) I have also used it as a panadaptor fed from the first mixer stage of several of my BA receivers with first IF frequencies from about 3 MHz down to 455 kHz, again using my rf generator as the mixing signal. The display is +/- 1.5 kHz about the center freq with quite a bit of adjustment range.

I was going to build the unit into my planned BA operating console with switch selectable osc frequencies to accomodate my BA receivers, but I have decided to build in my Yaesu YO-100 instead since my main interest is in xmitted signals and the YO-100 is set up for my

NC-303 main BA rcvr if I do want to check received signals. The YO-100 is not nearly the panadaptor, but it is much more compact.

I would like to get \$150.00 plus shipping for the unit. If I am out of line, I'm sure youse guys and gals will let me know! In the event of multiple requests, I reserve the right to play Solomon. Due to the weight of the unit, I would expect shipping (double boxed and well protected) to run \$20 to \$25 CONUS. Anyone who offers to pick it up or meet me within about 100 miles of Davis, OK, may get Solomon's ear. (I'll be at the Texoma hamfest this weekend and the Enid, OK, hamfest next weekend) Lucky buyer will be notified by email on Monday, Oct 27, at the latest.

Best way to ask questions (or make offers) is by email. You can also call me at work at (800)394-2656 from 0900 to 1700 CDST weekdays.

73's.....Jim

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-----  
Jim Coe W5JI           Hollowstators should never tell their  
Oak Crest(Antenna)Farm    paramours that the glow in their  
Davis, OK, USA           eyes reminds them of a favorite radio!!  
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-----  
Date: Thu, 23 Oct 1997 00:26:47 -0400  
From: Ed Tanton <n4xy@bellsouth.net>  
To: broehrig@admin.aurora.edu  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: panel finishing (kinda)  
Message-ID: <3.0.1.32.19971023002647.00aed100@mail.atl.bellsouth.net>
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Easiest way to a brushed finish is with wire brushes and a drill. You might also try using some of the very coarse Scotchbrite-like pads (for your drill) advertised as paint removers. It is NOT easy to get even scratches, but these work well enough. However, unless you anodize or clear-coat it, it will still oxidize and show fingerprints.

At 10:58 PM 10/22/97 -0500, Bob Roehrig wrote:

```
>  
>I am trying to finish my "new" Hartley rig and am working on the front  
>panel. I am using a piece of aluminum and don't want to paint it,  
>however, it has some scratches on it and so doesn't look that great.  
>
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>The question is, how does one make a kind of brushed finish? In other  
>words, make thousands of scratches so the whole thing looks uniform?

>

> UFO's are real! (It's the Air Force that does not exist)  
> E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI  
> CIS: Data / Telecom Aurora University, Aurora, IL  
> 630-844-4898 Fax 630-844-5530

>

>

>

72/73 ZUT!!!

-----  
Ed Tanton N4XY EMAIL: n4xy@bellsouth.net  
189 Pioneer Trail  
Marietta, GA 30068-3466 TEL: (770)579-3933 V/MBX/FAX

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QRP-ARCI #7663 G-QRP #6779 OK-QRP #172 QRP-L #758  
AdvRC #140 NORCAL #1779 NCDXF SEDXC

Life Member: ARRL AMSAT INDEXA QCWA

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INTERESTS: DX QRP BoatAnchors Test Equipment Photography  
CW: 99.9% QRP: 95-100% (Mood swings!) Mercury Paddle #0214

~~~~~  
"Think you can, think you can't: either way you're right!" Henry Ford  
~~~~~

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Date: Thu, 23 Oct 1997 00:38:34 -0800  
From: "Don L. Davis" <dxguy@earthlink.net>  
To: boatanchors@theporch.com  
Subject: Antique Collins 16F-1  
Message-ID: <344F0D04.2D20@earthlink.net>

I have an opportunity to pick up a complete Collins 16F-1 transmitter for \$900, and am wondering whether or not it's worth it. It's in a 7' rack, uses 813's in the final, and is a 10 channel mechanical autotune unit. Looks like it will from the AM BC band to about 20 Mc. I would like any and all opinions on this, and any other info that you may have. I'm wondering about power, freq coverage, ease of use on ham bands, etc. This unit has major rust on the tops of all chassis inside, but cabinet is very clean, and wiring looks nice and intact (no mods, no missing parts). Are parts, manuals available? Is there any magazine or book write-up on this?

I also posted this on the Collins site & got back one very kind,

promising response.

-73s & thanks    -don davis    DXGUY@earthlink.net

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Date: Thu, 23 Oct 1997 09:07:55 +0100  
From: "ro" <otterstad@inet.uni-c.dk>  
To: <Ho4bart@aol.com>, "Old Tube Radios" <boatanchors@theporch.com>  
Subject: Sv: DFing U Boats in the Atlantic.  
Message-ID: <199710230904.LAA03982@inet.uni-c.dk>

Ragnar Otterstad  
email :    otterstad@inet.uni-c.dk  
whole string to drop out?  
what type receivers were used?  
> and what freq bands? or, if too numerous to cite, what would be the  
> approximate upper and lower limits of the sub traffice, from the subs  
> that is, considering that senders in the reich were not limited as to  
> power / antenna, and could use LF too. ( at war's end, was not there

I have a KWEa receiver which allegedly was removed from the  
> residence of a submarine engineer in Hamburg. there was no  
> advantage in this case to fabricating this provenance, like  
> demanding more bucks, so i would guess it to be likely grounded  
> in fact, but still i wonder why the person would be supplied with  
> a military issue receiver, and considering that U-Boat coms were  
> all coded. Also, the rec only tunes up to 10 Mc/s.

KweA is an army receiver. The German navy used typically Lorentz equipment  
f ex  
Lo6K39, and Telefunken T9K39, plus others covering the lower frequencies .

For EW they used Samos made by R&S. This was a very advanced receiver for  
its day, going up to almost 500 MHz.

73    Rag    OZ8RO

-----  
Date: Thu, 23 Oct 1997 06:17:54 -0400  
From: "Larry Bearse" <lbearse@mail1.nai.net>  
To: "Boatanchors list" <boatanchors@theporch.com>  
Subject: UTC Transformer id help please.



Message-ID: <199710231022.GAA00821@mail1.nai.net>

I was going through the "storage facility" and came across a couple of interesting transformers that I forgot about. I am hoping that one may be a push pull audio output transformer as K1JCL has put out the word that he needs one for the modulator of his next AM repeater. Yes, he is going to put up a 2 meter AM repeater to compliment the running 6 meter repeater. The 6 meter rx chain has a command set receiver as part of the system as well as other BA stuff. Anyway, the UTC numbers are CG-422 and CG-301. They are cylindrical in shape appx coffee can size. My archives don't have info on these.

Thanks.....Larry WA1LGQ  
lbearse@ct1.nai.net

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Date: Thu, 23 Oct 97 13:29:02 UT  
From: "Paul Bernhard" <W2TU@classic.msn.com>  
To: boatanchors@theporch.com  
Subject: Hammarlund?  
Message-ID: <UPMAIL18.199710231330060464@classic.msn.com>

Deep in the dark recesses of the USS Sullivans I found a fairly complete receiver which bears a resemblance to the HQ-120 or 129. The military designation is CHC-46140 for the radio and CHC-49154 for the speaker (not found) as a part of radio equipment RBG-2. It is a Navy version with the usual changes. Anyone with info and hopefully a schematic? Thanks

Paul Bernhard W2TU  
w2tu@msn.com

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Date: Thu, 23 Oct 1997 09:03:41 -0500  
From: Merv Schweigert <k9fd@htc.net>  
To: boatanchors@theporch.com  
Subject: Items needed  
Message-ID: <9710231403.AA30027@ns.htc.net>

For a friend trying to get on AM with a Viking 2, need a VF0, I believe it is the 122 Johnson VF0. A real nice one, can need work if the outside is very good. Please drop me a e-mail and will forward it.

For myself, looking for a prop pitch motor, almost any condition. Need it for parts or if possible will rebuild.. Had one located and deal fell through, any help or leads sure

be appreciated. Thanks 73 Merv K9FD

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Date: Thu, 23 Oct 97 7:17:58 PDT  
From: Jay Coward <jayc@hpcmr42.sj.hp.com>  
To: boatanchors@theporch.com  
Cc: jayc@hpcmr42.sj.hp.com  
Subject: Lifeboat Radio  
Message-ID: <9710231417.AA28101@hpcmr42.sj.hp.com>

Greetings to the Group,

A friend asked me to post this. He has an ITT MacKay  
Portable Lifeboat radio Model 401A. It uses miniature tubes  
and is powered by hand crank generator. He would like to  
get a manual but is also considering selling the unit.  
Interested parties please contact Eb Keller at the following  
e-mail address:

eb\_keller@hp.com

Thanks,  
73 Jay

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Date: Thu, 23 Oct 1997 10:10:46 -0400  
From: "Ornitz, Barry L" <ornitz@eastman.com>  
To: "'Bob Roehrig'" <broehrig@admin.aurora.edu>,  
      "'Boatanchors'"  
Cc: "'ornitz@tricon.net'" <ornitz@tricon.net>  
Subject: RE: panel finishing (kinda)  
Message-ID: <c=US%a=\_%p=Eastman%l=NTD150-971023141046Z-17829@ntd150.kpt.emn.com>

I have found that a "Scotchbrite" scouring pad does a good job -  
especially if used in an electric sander. An orbiting sander will  
produce a random orientation to the finish while a finishing sander will  
make the scratches run in one direction. Sand paper or emery cloth will  
work too but these kitchen scouring pads do such a good job on even the  
hardest metals.

After you have properly "scratched" the surface, either coat it with  
clear Krylon spray immediately or you may etch it to produce a nice  
satin finish. With soft aluminum (one that does not contain much  
copper) a bath of dilute sodium hydroxide (lye) in warm water for about  
30 minutes is used. If much copper is present in the aluminum alloy,  
black spots may appear. These can often be removed with dilute acetic  
acid (vinegar). Rinse the panel well after etching and allow to dry.  
Again a quick spray of clear Krylon will help preserve the finish. Wear

gloves and safety glasses when working with the caustic solution. Avid getting fingerprints on the panel before or after etching. Many ARRL handbooks of recent vintage discuss this etching process in more detail.

The "machine turned" finish of old (and very popular with Boatanchor Bob Keys) is possible to simulate at home but it takes a LOT of work.

73, Barry L. Ornitz WA4VZQ ornitz@tricon.net

>From: Bob Roehrig [SMTP:broehrig@admin.aurora.edu]  
>I am trying to finish my "new" Hartley rig and am working on the front  
>panel. I am using a piece of aluminum and don't want to paint it,  
>however, it has some scratches on it and so doesn't look that great.  
>  
>The question is, how does one make a kind of brushed finish? In other  
>words, make thousands of scratches so the whole thing looks uniform?  
>

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Date: Thu, 23 Oct 1997 10:46:47 -0300  
From: laffitte@prtc.net (laffitte)  
To: boatanchors@theporch.com  
Subject: tubes n testers  
Message-ID: <344F5547.48D4@prtc.net>

Hi Baers:

Recently I posted about the restoration of two OS8 oscilloscopes. Here is a story about the last and older one. It adds coal to the tube/tube testers saga.

The last OS8 was all finished except for one detail, there was some crowding due to a problem with the horizontal amplifier. Checking the whole circuit of the Hor.Amp. yielded nothing wrong. I went for the tubes. But you should have done that on the first place, you would say. Well the 6J6 and 12AT7s had been replaced with "tested" good ones. After removal and replacement of the 6J6 with the one that was originally in the circuit, everything went back to normal. The adjustments described in the manual were made and the OS8 is working perfectly. What about the 6J6? The replacement tested fair in the tube tester while the one that I took out tested very good! Another point to add to the data which is becoming statistically significant and indicates that tube testers are not definitely the final word but maybe only a fair indication specially in critical circuits. So, when in doubt, replace and forget the tester.

Best 73s to all  
Guido E. Santacana KP4FAR  
BA collector in the tropics

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Date: Thu, 23 Oct 1997 10:55:06 -0400 (EDT)  
From: ALanger394@aol.com  
To: boatanchors@theporch.com  
Cc: vss@mlist.access.digex.net  
Subject: Tube info  
Message-ID: <971023105505\_981953957@mrin45.mail.aol.com>

Hi all

Picked up 2 of the following tubes

Can some one tell me what they are

5960-00-760-1494 on the box,made by Raytheon in 1976

on the tube

290-MR 078p005

280159

It is 3/8" dia x 1 1/4" long glass envelope with 6 wire ends

Was in a box of HP parts

Regards

Allan

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Date: Thu, 23 Oct 1997 11:22:52 -0400 (EDT)  
From: KA9EGW@aol.com  
To: boatanchors@theporch.com, r390@qth.net, collins@listserv.tempe.gov  
Subject: Re: [R-390] Re: Bristol Wrench Problem  
Message-ID: <971023112251\_1994069557@mrin40.mail.aol.com>

A complete set of short-arm Bristol "L" keys, the real deal from The Bristol Wrench Co of Bristol, CT, is less than ten bucks from McMaster-Carr (630-833-0300).

The part # is 7048A54. These are the exact ones that fit the clips inside the cover of my R388. Seems to me there are a bunch of tool clips inside the R390/A as well.

The Phillips L key that stores in the clips on the back of the R388 is not

available from McMaster-Carr; I have yet to find anyone who sells this tool.

As memory serves, the thing is pretty useless for driving screws with anyway--but it would be nice to have one to preserve the authenticity of my R388. As worthless as I remember mine being, it wouldn't surprise me if the R388 was the only place they were EVER used...nyuk.

Has anyone out there ever seen a source for this tool? Looks just like a 1/4" or thereabout short-arm L hex key, except the stock is round cross-section and the ends are Phillips.

73 de ka9egw

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End of BOATANCHORS Digest 1739

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